Amendments To The Claims:

1. **(Currently amended)** A ~~Method~~ method for producing a ~~fibrous~~ mixed material for the manufacturing of preformed parts, ~~in which~~ comprising:

crushing and/or defibration of an agglomerate from pure or mixed plastics with water in a disc refiner;

mixing a first group ~~portion~~ of particles and/or fibres from plastic material ~~is admixed to~~ with a ~~first~~ second group of fibres and/or particles to form a mixed material, the ~~particle~~ size of the particles or fibres ~~from~~ of the ~~plastic material~~ first group approximately corresponding to the ~~particle~~ size of the particles or fibres of the ~~first~~ second group[[,]]**;**

adding a binder ~~being added~~ to the ~~fibrous~~ mixed material[[,]]; and

pressing the binder and ~~fibrous~~ mixed material ~~being pressed~~ into a preformed part upon application of heat[[,]]

~~wherein the particles and/or fibres from plastic material are obtained by crushing and/or defibration of agglomerate from pure or mixed plastics with water in a disc refiner~~.

2. **(Currently amended)** The method ~~Method~~ according to claim 1, ~~characterised in that~~ wherein only pure plastics ~~is~~ are crushed and/or defibrated in the disc refiner.

3. **(Currently amended)** The method ~~Method~~ according to claim 1, ~~characterised in that~~ wherein the particles and/or fibres of the plastics are dried after being crushed.

4. **(Currently amended)** The method ~~Method~~ according to claim 1, ~~characterised in that~~ wherein the ~~first~~ second group of fibres and/or particles is obtained by defibrating flax, hemp, glass or carbonized material.

5. **(Currently amended)** The method ~~Method~~ according to claim 1, ~~characterised in that~~ wherein the ~~first~~ second group of particles and/or fibres is obtained by crushing or defibration of wood.

6. **(Currently amended)** The method ~~Method~~ according to claim 1, ~~characterised in that~~ wherein agglomerate of mixed and/or pure plastics, together with wood particles, is crushed to particles and/or fibres in a disc refiner.

7. **(Canceled)**

8. **(Currently amended)** The method ~~Method~~ according to claim 1, ~~characterised in that~~ wherein the temperature of the ~~supplied~~ water is at most 50°C.

9. **(Currently amended)** The method ~~Method~~ according to claim 1, ~~characterised in that~~ wherein the water is supplied to the refiner via humid wood particles.

10. **(Currently amended)** The method ~~Method~~ according to ~~any one of claims~~ claim 1, ~~characterised in that~~ wherein the water is supplied to the refiner in a gaseous state.

11. **(Currently amended)** The method ~~Method~~ according to claim 1, ~~characterised in that~~ wherein the maximum size of the plastics agglomerate is 40 mm.

12. **(Currently amended)** The method ~~Method~~ according to claim 1, ~~characterised in that~~ wherein the material which is to be crushed and/or defibrated is fed to the refiner via a stuffing screw.

13. **(Currently amended)** The method ~~Method~~ according to claim 1, ~~characterised in that~~ wherein at least the plastics agglomerate ~~fraction~~ is subjected to a boiling process before it is crushed in the refiner, and adhering contaminations are removed.

14. **(Currently amended)** The method ~~Method~~ according to claim 13, ~~characterised in that~~ wherein the boiling process is performed at temperatures of from 100°C to 180°C and under an excess pressure of from 1 to 4 bars.

15. **(Currently amended)** The method ~~Method~~ according to claim 13, ~~characterised in that~~ wherein the boiling time is from 3 to 10 minutes.

16. **(Currently amended)** The method ~~Method~~ according to claim 1, ~~characterised in that~~ wherein the particles and/or fibres are dried to a desired final humidity after crushing in a hot steam flow and that the hot steam flow is fed back in a closed circuit into the material which is to be dried.

17. **(Currently amended)** The method ~~Method~~ according to claim 16, ~~characterised in that~~ wherein the hot steam flow is warmed up before it is guided back into the material that is to be dried.

18. **(Currently amended)** The method ~~Method~~ according to claim 4, ~~characterised in that~~ wherein the ~~mixed plastics and/or pure~~ plastics agglomerate is crushed to particles and/or fibres in a disc refiner together with wood particles, and the crushed material is dried with hot steam in a flow circuit.

19. **(Currently amended)** The method ~~Method~~ according to claim 1, ~~characterised in that~~ wherein the material which is to be crushed and/or defibrated is fed to the refiner via a stuffing screw.

20. **(Withdrawn)** The application of the method according to claim 1 to the manufacture of wood material parts, in particular of wood fibre boards, by partly substituting the wood chips or wood fibres by particles or fibres from plastics, which stem from milled agglomerates of recycled plastics.

21. **(Withdrawn)** Application of the method according to claim 1 on the manufacture of insulating material boards with a wood fibre content.